

Title (en)
COMPOSITION FOR IMPROVING INTESTINAL MICROECOLOGY AND PREVENTING CHRONIC DISEASE, BALANCED NUTRITIOUS FOOD, AND APPLICATION

Title (de)
ZUSAMMENSETZUNG ZUR VERBESSERUNG DER INTESTINALEN MIKROÖKOLOGIE UND VORBEUGUNG VON CHRONISCHER ERKRANKUNG, AUSGEWOGENE NAHRHAFTE LEBENSMITTEL UND ANWENDUNG

Title (fr)
COMPOSITION D'AMÉLIORATION DE LA MICROÉCOLOGIE INTESTINALE ET DE PRÉVENTION D'UNE MALADIE CHRONIQUE, ALIMENT NUTRITIF ÉQUILIBRÉ, ET APPLICATION

Publication
EP 3632221 A4 20200624 (EN)

Application
EP 17910683 A 20171023

Priority
• CN 201710367848 A 20170523
• CN 2017107252 W 20171023

Abstract (en)
[origin: EP3632221A1] A combination for improving intestinal micro-ecology and preventing chronic diseases includes an inulin, a galactooligosaccharide and a dietary fiber composite, wherein the ratio of the inulin, the galactooligosaccharide and the dietary fiber composite in a formula is (1-75):(1-75):(5-95). Preferably, the ratio is (10-50):(10-50):(25-50). A balanced nutritious food includes cereal flour and the ratio of the cereal flour to the combination in a formula is (50-95):(5-50). Preferably, the ratio is (70-95):(30-5). Moreover, provided is an application in preparing foods or medicaments for preventing inflammatory bowel disease, improving gastrointestinal motility and preventing constipation, preventing diabetes, preventing cardiovascular and cerebrovascular diseases, and regulating intestinal flora to enhance immune ability.

IPC 8 full level
A23L 33/125 (2016.01); **A23L 33/21** (2016.01); **A23L 33/24** (2016.01); **A23L 33/26** (2016.01); **A61K 31/70** (2006.01); **A61P 1/00** (2006.01)

CPC (source: CN EP US)
A21D 2/36 (2013.01 - CN EP US); **A21D 10/005** (2013.01 - CN EP); **A21D 13/062** (2013.01 - CN EP US); **A23L 7/10** (2016.08 - CN EP US); **A23L 7/109** (2016.08 - CN EP US); **A23L 7/143** (2016.08 - CN EP US); **A23L 7/198** (2016.08 - US); **A23L 19/12** (2016.08 - CN EP); **A23L 29/244** (2016.08 - US); **A23L 33/10** (2016.08 - CN EP); **A23L 33/125** (2016.08 - CN EP US); **A23L 33/21** (2016.08 - EP US); **A23L 33/24** (2016.08 - EP US); **A23L 33/26** (2016.08 - EP US); **A61K 31/702** (2013.01 - CN EP US); **A61K 31/715** (2013.01 - CN EP); **A61K 31/716** (2013.01 - US); **A61K 31/717** (2013.01 - US); **A61K 31/733** (2013.01 - CN EP US); **A61P 1/00** (2018.01 - US); **A61P 3/00** (2018.01 - US); **A61P 3/06** (2018.01 - US); **A61P 3/10** (2018.01 - US); **A61P 9/00** (2018.01 - US); **A61P 19/06** (2018.01 - US); **A61P 29/00** (2018.01 - US); **A23P 30/20** (2016.08 - US); **A23V 2002/00** (2013.01 - CN EP US)

C-Set (source: CN)
1. **A23V 2002/00 + A23V 2200/32 + A23V 2200/30 + A23V 2200/326 + A23V 2200/328 + A23V 2250/262 + A23V 2250/28 + A23V 2250/5042 + A23V 2250/5114 + A23V 2250/5108 + A23V 2250/51084 + A23V 2200/3202 + A23V 2200/3262**
2. **A61K 31/733 + A61K 2300/00**
3. **A61K 31/715 + A61K 2300/00**
4. **A61K 31/702 + A61K 2300/00**

Citation (search report)
• [X] US 2010317573 A1 20101216 - GOEDHART ANNA CHRISTINA [NL], et al
• [X] US 2011027412 A1 20110203 - SPENCE KRIS EUGENE [US], et al
• [X] CN 102511713 A 20120627 - INNER MONGOLIA YILI IND GROUP
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• [A] D. WATSON ET AL: "Selective carbohydrate utilization by lactobacilli and bifidobacteria", JOURNAL OF APPLIED MICROBIOLOGY., vol. 114, no. 4, 11 January 2013 (2013-01-11), GB, pages 1132 - 1146, XP055619391, ISSN: 1364-5072, DOI: 10.1111/jam.12105
• See also references of WO 2018214395A1

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CN114903174A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3632221 A1 20200408; EP 3632221 A4 20200624; EP 3632221 B1 20230920; EP 3632221 C0 20230920; CN 107198250 A 20170926; CN 107198250 B 20190312; CN 110708969 A 20200117; EP 3632222 A1 20200408; EP 3632222 A4 20200701; EP 3632222 B1 20240619; ES 2959325 T3 20240223; US 10918660 B2 20210216; US 11311569 B2 20220426; US 2020078391 A1 20200312; US 2020171074 A1 20200604; WO 2018214395 A1 20181129; WO 2018214855 A1 20181129

DOCDB simple family (application)
EP 17910683 A 20171023; CN 201710367848 A 20170523; CN 2017107252 W 20171023; CN 2018087763 W 20180522; CN 20188003374 A 20180522; EP 18805644 A 20180522; ES 17910683 T 20171023; US 201716615820 A 20171023; US 201816615829 A 20180522